

A METHOD FOR VISUAL-BASED RECOGNITION OF AN OBJECT

ABSTRACT OF THE INVENTION

5 A method for visual-based recognition of objects is described. Depth
data for at least a pixel of an image of the object is received, the depth data
comprising information relating to a distance from visual sensor to a portion
of the object visible at the pixel. At least one plan-view image is generated
based on the depth data. At least one plan-view template is extracted from
the plan-view image. The plan-view template is processed by at least one
10 classifier, wherein the classifiers are trained to make a decision according
to pre-configured parameters.